

ABSTRACT

A steer axle and suspension assembly are provided that produce lateral stability in the vehicle without the use of a transverse rod and without generating undue loads on the steer axle beam. The 5 assembly includes at least one suspension arm that is connected to the frame and to a component of the steer axle assembly such as the axle beam, kingpin, or steering knuckle. The suspension arm is connected to the steer axle assembly at a location outboard of the longitudinal frame rails of the vehicle and extends longitudinally 10 at an angle to the frame rails. The suspension arm arrangement can be used with a variety of suspensions including leaf spring and multi-link suspensions.

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